



Ahmad Azam Bin Abdul Nasir

Software Developer / Database Administrator | Bachelor in Computer Science
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Summary

A passionate and results-driven Software Developer with a Bachelor's in Computer Science, specializing in Database Management. Extensive experience in Laravel Livewire, Nginx configuration, and advanced database administration, including ER modeling, Database Design, Data Cleaning, and Migration. Proven track record of developing scalable applications, optimizing database performance, and ensuring data integrity. Known for problem-solving skills and delivering innovative solutions that drive business outcomes. Eager to contribute technical expertise and deliver impactful results in dynamic, growth-oriented projects.

Core Expertise

- Software Development
- Full-Stack Development
- Database Management
- Entity Relationship Modeling
- Data Cleaning & Migration
- Laravel & Laravel Livewire
- Web Development
- System Architecture
- Git Version Control
- Cloud Infrastructure & Deployment

Notable Career Achievements

Award Recognition

Achievement: Awarded the **Gold Award at the Innovation Workshop Competition II Session 2022/2023** for demonstrating excellence in developing innovative software solutions at Universiti Teknikal Malaysia Melaka (UTEM).

Software Development Projects

Achievement: Successfully developed and implemented a booking module using Laravel Livewire, improving system functionality and user accessibility for clients, resulting in a increase in user engagement.

Database Management & Optimization

Achievement: Streamlined database operations by designing Entity Relationship (ER) models and executing data migrations with Laravel commands, enhancing data integrity and reducing migration errors.

System Development & Performance

Achievement: Played a key role in the development of a change request system during an internship at Universiti Teknologi MARA, using Go Fiber and MariaDB, improving internal request handling efficiency.

Work Experience

Software Developer

June 2024 - Present

TWO Q Alliance Sdn Bhd

- Developed and maintained web applications using Laravel Livewire, improving system functionality and providing a seamless user experience.
- Designed and implemented a booking module, significantly enhancing user accessibility and boosting overall system performance.
- Handled database administration tasks such as Entity Relationship modeling, data cleaning, and migration using Laravel commands, ensuring complete data integrity during migration processes.
- Collaborated with cross-functional teams, improving project delivery timelines through effective communication and the use of Git version control for seamless code management and deployment.
- Optimized system performance, reducing load times and ensuring smooth database migrations with minimal downtime and zero data loss.

- Actively participated feature integrations and troubleshooting efforts, leading to increased application uptime and continuous improvements in application stability.

Database Unit Intern

Universiti Teknologi MARA, Shah Alam

Oct 2023 - Mar 2024

- Developed a change request system that enabled staff to efficiently submit and manage database usage requests, streamlining the process for system development.
- Utilized Svelte for front-end development and Go Fiber for back-end, integrating MariaDB to manage data effectively and ensure smooth system operations.
- Collaborated with team members to design and implement the system, gaining hands-on experience in full-stack development and contributing to the successful delivery of the project.
- Assisted in configuring Windows Subsystem for Linux (WSL) and NGINX web server, ensuring the system's scalability and improving reliability for future growth.
- Optimized system performance and enhanced data processing efficiency by troubleshooting issues, leading to improved processing speeds and more stable operations.
- Gained valuable experience with database administration, system development, and performance monitoring, contributing to the overall success and optimization of the system.

Project Experience

OBE-Driven Question Bank Management System

Final Year Project

2024

- Developed a platform for educators to manage and organize questions, utilizing HTML, CSS, JavaScript, PHP, and MySQL.
- Integrated a user-friendly interface that allowed instructors to upload and categorize questions efficiently.

School Library Management System

Universiti Teknologi MARA

2023

- Developed a web-based system to manage books and user information using HTML, CSS, JavaScript, PHP, and MySQL.
- Improved database structure to facilitate easy access and manipulation of library data.

Hotel Reservation System

Universiti Teknologi MARA

2023

- Developed a system for hotel booking, implementing HTML, CSS, JavaScript, PHP, and MySQL for seamless operation and data management.
- Designed the user interface for smooth navigation and reservation functionality.

Education

Bachelor in Computer Science (Database Management)

Universiti Teknikal Malaysia Melaka (UTEM)

2024

Diploma in Information Technology and Communication

Universiti Teknikal Malaysia Melaka (UTEM)

2021

Training

Software Development Training

Universiti Teknologi MARA

2023

Software Skills

MS Office Suite:	Word, PowerPoint, Excel
Programming Languages:	HTML, CSS, JavaScript, PHP, Go
Frameworks & Tools:	Laravel Livewire, Svelte, Go Fiber, Git, Nginx
Databases:	MySQL, MariaDB
Others:	Windows Subsystem for Linux (WSL)